

Notice of Allowability

Application No.

10/083,869

Examiner

JAMES C. KERVEROS

Applicant(s)

ROH ET AL.

Art Unit

2133

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to SUPPLEMENTAL AMENDMENT after Final, filed 9/8/2005.
2. ☒ The allowed claim(s) is/are 1-6, 8-13 and 15-21. Renumbered as claims 1-19.
3. ☒ The drawings filed on 25 February 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

SUPERVISOR
T. J. DECADE
EXAMINER
2100

NOTICE OF ALLOWANCE

This is a Notice of Allowance in response to SUPPLEMENTAL AMENDMENT after Final, filed 9/8/2005.

Claims 1-22 were previously examined. Claims 7, 14 and 22 have been cancelled.

Allowable Subject Matter

Claims 1-6, 8-13 and 15-21 are allowed. Renumbered as claims 1-19.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

During a telephone interview held on July 18, 2005 with Applicant's attorney Peter Paik, the Examiner indicated that the encoding of the original group of blocks to generate an A or B type weighted block is too broad in scope and suggested to appropriately amend the claims in order to overcome the prior art rejection. The Examiner and Mr. Paik mutually agreed to amend independent claims 1, 8 and 15, by incorporating the limitation of claims 7, 14 and 22 to clearly distinguish the claimed invention from Chouly.

Also, during a subsequent telephone conference on September 8, 2005, Eugene Lieberstein attorney for Applicant agreed to amend the claims so as to better clarify the mathematical encoding expressions for calculating the weighted blocks recited in the independent claims, now filed with the Supplemental Amendment.

The prior arts of record taken alone or in combination fail to teach, anticipate, suggest or render obvious the claimed invention for a block encoding / decoding method and apparatus, as amended in the independent claims 7, 14 and 22, including inter alia the limitation of claims 7, 14 and 22,

"wherein 'a' is related to the number of bit '1' in an A type weighted block of n bits which satisfies a relation $2^m < nCa$, with 'a' being a positive integer, and the number of bit '1' in a B type weighted block of n bits is given by 'n-a'."

Consequently, Claims 1-6, 8-13 and 15-21 are allowed over the prior arts.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAMES C. KERVEROS whose telephone number is (571) 272-3824. The examiner can normally be reached on 9:00 AM TO 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Albert Decady can be reached on (571) 272-3819. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

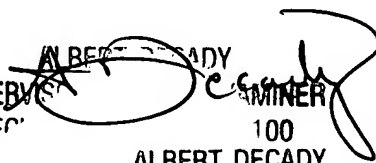
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Date: 13 September 2005
Office Action: Allowance

JAMES C KERVEROS
Examiner
Art Unit 2133

By: 


ALBERT DECADY
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